



Welcome to the August newsletter from SKIPPER Electronics AS.

## SKIPPER DL2 dual axis Doppler Speed Log

The SKIPPER DL2 is a Dual Axis Doppler Speed Log, working on the doppler principle, providing longitudinal and transversal ship's speed (STW and SOG) and distance relative to sea water. The SKIPPER DL2 gives accurate navigation parameters, measured as they happen, and presented in a logical, user friendly way.

- Dual Axis Doppler Speed Log
- Water speed in dual axis (STW)
- Ground speed in dual axis (SOG)
- Docking functionality as standard (Three axis in STW and SOG)
- 9" Touch Display
- Sea Temperature readout
- LAN and NMEA 0183 output
- User friendly programmable displays and integrated menus
- Fully automatic settings
- Resultant Sea Current in speed and direction

### Part numbers needed:

- CU-M001-SB DL2 PanelIPC 9inch touch display
- JB70D2-SA Electronic Unit for DL2 Dual Axis Doppler Speed Log
- JB12-SA Junction box, 12 pole

### Choice of sensor depends on bottom housing:

- DL2SG-SA Log sensor DL2 SKIPPER for 100mm Sea Valve (40 m cable included)
- DL2SDR-SA Log Sensor Atlas Dolog retrofit DL2S with sealed cable end and 40 m cable
- DL2SE-SA Log sensor DL2 for ETNSLB Gate Valve 100mm (40m cable included)
- DL2ST-SA Log sensor for Tank DL2 complete,SKIPPER (40 m cable included)
- DL2STA-SA Log sensor DL2 for combo alu.Tank. SKIPPER (40 m cable included)
- DL2SW-SA Log sensor DL2 for SPERRY SRD-500 Sea chest (40 m cable included)

[Click here for DL2 web site.](#)

## DL2/DL21 software

As part of MED B re-certification, (New certificate available on the website), trip on DL2 is now available with both distance over ground and distance through water. Distance over ground is by default disabled as we do not recommend using this from the acoustic system, as it is not always present.

Although SKIPPER products are largely compliant with the BAM standard IEC 62923-1/2

The softwares for the new products (DL1, DL2, DL21, ESN100, ESN200, EML) will be updated to full compliance by august 2020.



## Training Courses in 2020

We are sorry to inform that due to the uncertain situation with the COVID-19, we have decided to cancel the SKIPPER technical trainings. New dates for the training courses will be announced as soon as the situation has normalised.

The following training courses are postponed:

Date	Place	Host Comany	Duration (Days)
Postponed	Singapore	Jason Electronics	4 - Fully booked
Postponed	Singapore	Jason Electronics	4 - Few seats!
Cancelled	Spain	Sandvik Marine Electronics SL	4
Cancelled	Dubai	KDU Marine Equipment Trading and Maintenance L.L.C.	4

If you want to join one of these training courses please send your request to [support@skipper.no](mailto:support@skipper.no).

**Best regards,**

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